



# Weekly Coal Production

Production for Week Ended:  
April 13, 1991



Domestic Market  
Supplement

## Preface

The *Weekly Coal Production (WCP)* provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. The Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. This week's Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary-level, monthly data for all coal-consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly, based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 and 1989 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent for 1988 and 1 percent to 2 percent for 1989.

Final coal production data are published annually, based on the EIA-7A coal production survey. Based on 1988 and 1989 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent for 1988 and 0.09 percent to 0.14 percent for 1989.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution*, the *Quarterly Coal Report*, *Coal Production 1989*, and *Coal Data: A Reference*.

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## Summary

U.S. coal production in the week ended April 13, 1991, as estimated by the Energy Information Administration, totaled 19 million short tons. This was about the same as in the previous week, but 8 percent lower than in the comparable week in 1990. Production east of the Mississippi River totaled 11 million short tons, and production west of the Mississippi River totaled 8 million short tons.

Coal consumption at electric utility plants in January 1991 totaled 71 million short tons, slightly higher than in December 1990. This was 5 million short tons more than in January 1990.

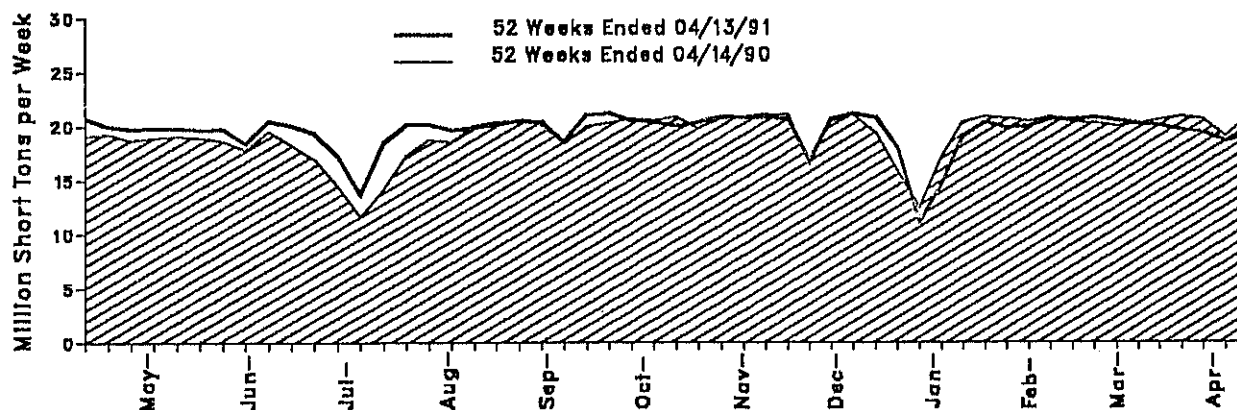
Coal-fired net generation was 142 billion kilowatthours in January 1991, 7 percent higher than in January 1990.

The three leading States in coal-fired generation were Texas, Ohio and Pennsylvania, together generating 31 billion kilowatthours.

Coal stocks at electric utility plants at the end of January 1991 totaled 149 million short tons. This was slightly lower than stocks at the end of December 1990, but was 11 million short tons higher than stocks at the end of January 1990.

Coal receipts at electric utility plants in December 1990 were 62 million short tons, slightly higher than a year ago, and 5 percent lower than in November 1990. Total coal receipts in 1990 were 787 million short tons. This was 4 percent higher than in 1989.

Figure 1. Coal Production



**Table 1. Coal Production**

Production and Carloadings	Week Ended			52 Weeks Ended		
	04/13/91	04/06/91	04/14/90	04/13/91	04/14/90	Percent Change
Production (Thousand Short Tons)						
Bituminous <sup>1</sup> and Lignite .....	19,051	18,629	20,642	1,013,429	994,858	1.9
Pennsylvania Anthracite .....	49	54	61	2,892	3,138	-7.8
U.S. Total .....	19,100	18,682	20,703	1,016,322	997,996	1.8
Railroad Cars Loaded .....	121,337	118,359	136,616	6,601,429	6,467,960	

<sup>1</sup> Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

**Table 2. Coal Production by State**  
(Thousand Short Tons)

Region and State	Week Ended		
	04/13/91	04/06/91	04/14/90
<b>Bituminous Coal<sup>1</sup> and Lignite</b>			
<b>East of the Mississippi</b> .....	<b>11,402</b>	<b>10,559</b>	<b>12,776</b>
Alabama .....	519	462	627
Illinois .....	1,193	1,116	1,257
Indiana .....	750	684	687
Kentucky .....	2,901	2,760	3,609
Kentucky, Eastern .....	2,249	2,044	2,718
Kentucky, Western .....	652	717	891
Maryland .....	54	49	71
Ohio .....	639	611	663
Pennsylvania Bituminous .....	1,342	1,247	1,365
Tennessee .....	128	117	136
Virginia .....	796	727	1,028
West Virginia .....	3,074	2,784	3,334
<b>West of the Mississippi</b> .....	<b>7,648</b>	<b>8,070</b>	<b>7,866</b>
Alaska .....	24	23	25
Arizona .....	202	197	162
Arkansas .....	*	*	*
Colorado .....	444	393	419
Iowa .....	7	7	7
Kansas .....	16	16	16
Louisiana .....	45	67	49
Missouri .....	46	45	52
Montana .....	702	707	764
New Mexico .....	317	435	546
North Dakota .....	578	583	566
Oklahoma .....	30	29	40
Texas .....	1,072	1,047	1,101
Utah .....	495	441	483
Washington .....	90	88	102
Wyoming .....	3,579	3,991	3,534
<b>Bituminous<sup>1</sup> and Lignite Total</b> .....	<b>19,051</b>	<b>18,629</b>	<b>20,642</b>
<b>Pennsylvania Anthracite</b> .....	<b>49</b>	<b>54</b>	<b>61</b>
<b>U.S. Total</b> .....	<b>19,100</b>	<b>18,682</b>	<b>20,703</b>

<sup>1</sup> Includes subbituminous coal.

\* Less than 0.5 thousand short tons.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

**Table 3. Coal Statistics for Electric Utilities, 1982-1991**

Year and Month	Receipts				Consumption (thousand short tons)	Generation		Stocks (thousand short tons)
	Quantity (thousand short tons)	Percent Contract	Price (cents per MM Btu)	Quality (lbs. sulfur per MM Btu)		Million kWh <sup>1</sup>	Percent <sup>2</sup>	
1982 .....	601,427	80.4	165	1.42	593,666	1,192,004	53.2	181,132
1983 .....	592,728	88.3	166	1.39	625,211	1,259,424	54.5	155,598
1984 .....	684,111	85.5	166	1.39	664,399	1,341,681	55.5	179,727
1985 .....	666,743	88.9	165	1.32	693,841	1,402,128	56.8	156,376
1986 .....	686,964	87.5	158	1.32	685,056	1,385,831	55.7	161,806
1987 .....	721,298	84.8	151	1.31	717,894	1,463,781	56.9	170,797
1988 .....	727,775	86.3	147	1.26	758,372	1,540,653	57.0	146,507
1989								
January .....	62,443	82.6	143	1.28	66,767	135,181	58.1	142,538
February .....	56,634	82.9	145	1.29	62,784	127,187	57.9	137,363
March .....	63,218	83.4	144	1.28	62,005	126,725	55.9	139,036
April .....	62,076	82.2	144	1.27	58,144	115,451	55.5	144,674
May .....	64,796	84.0	145	1.30	58,527	119,108	54.1	151,067
June .....	61,272	83.9	145	1.26	63,635	128,615	54.6	148,981
July .....	55,429	83.2	144	1.22	69,720	138,038	53.9	134,865
August .....	70,147	82.9	145	1.29	70,493	141,901	54.9	133,948
September .....	64,539	81.1	146	1.27	62,910	126,898	55.9	135,640
October .....	66,578	80.7	145	1.29	60,561	122,393	55.7	142,280
November .....	65,570	80.7	144	1.28	61,006	124,338	56.7	147,207
December .....	60,515	81.9	143	1.27	72,336	147,227	56.8	135,860
Total .....	753,217	82.4	144	1.28	766,888	1,553,661	55.8	
1990								
January .....	67,637	82.7	145	1.30	66,290	132,672	55.9	137,465
February .....	62,280	82.1	146	1.30	57,996	115,898	54.5	142,218
March .....	67,518	83.1	145	1.31	60,748	122,958	54.4	149,388
April .....	63,888	82.9	147	1.30	57,776	117,278	55.6	155,962
May .....	64,958	83.1	148	1.30	59,140	119,785	53.7	161,695
June .....	63,604	82.4	146	1.29	65,167	132,461	53.2	160,823
July .....	63,427	82.8	144	1.26	71,376	144,225	54.2	152,982
August .....	70,571	83.5	145	1.29	72,942	147,135	54.8	150,123
September .....	65,728	82.3	145	1.28	66,727	135,345	56.9	149,013
October .....	69,159	82.2	146	1.29	64,264	130,282	58.0	155,191
November .....	65,401	82.3	145	1.27	60,916	123,841	58.0	159,895
December .....	62,386	81.7	142	1.26	68,335	136,576	57.6	155,163
Total .....	786,557	82.6	145	1.29	771,678	1,558,457	55.5	
1991								
January .....	NA	NA	NA	NA	71,190	141,677	57.1	148,736

<sup>1</sup> Kilowatthours

<sup>2</sup> Coal-fired generation as a percentage of total generation.

NA Not available.

Note: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Sources: Receipts: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." Consumption, Stocks and Generation: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."



**Table 4. Coal-Fired Net Generation, January 1991**  
(Million Kilowatthours)

Census Division and State	January 1991	January 1990	Percent Change	Year to Date				
				Coal Generation			Percent of Total Generation	
				1991	1990	Percent Change	1991	1990
New England .....	1,631	1,688	-3.4	1,631	1,688	-3.4	18.6	19.0
Connecticut .....	236	223	6.0	236	223	6.0	8.4	7.1
Maine .....	-	-	-	-	-	-	-	-
Massachusetts .....	1,058	1,127	-6.1	1,058	1,127	-6.1	31.9	31.3
New Hampshire .....	337	338	-.4	337	338	-.4	23.9	52.0
Rhode Island .....	0	0	-	0	0	-	.0	.0
Vermont .....	-	-	-	-	-	-	-	-
Middle Atlantic .....	12,457	13,075	-4.7	12,457	13,075	-4.7	41.1	42.6
New Jersey .....	537	841	-36.1	537	841	-36.1	16.9	24.7
New York .....	2,155	2,305	-6.5	2,155	2,305	-6.5	18.5	20.4
Pennsylvania .....	9,765	9,930	-1.7	9,765	9,930	-1.7	63.1	62.1
East North Central .....	34,213	30,953	10.5	34,213	30,953	10.5	77.9	74.0
Illinois .....	5,842	4,677	24.9	5,842	4,677	24.9	52.6	43.8
Indiana .....	8,671	8,492	2.1	8,671	8,492	2.1	98.3	98.8
Michigan .....	6,089	5,757	5.8	6,089	5,757	5.8	79.7	70.5
Ohio .....	10,514	9,286	13.2	10,514	9,286	13.2	88.0	89.1
Wisconsin .....	3,098	2,741	13.0	3,098	2,741	13.0	70.9	69.3
West North Central .....	15,736	14,588	7.9	15,736	14,588	7.9	76.0	76.3
Iowa .....	2,452	2,271	8.0	2,452	2,271	8.0	88.1	83.8
Kansas .....	1,950	2,139	-8.8	1,950	2,139	-8.8	68.8	69.7
Minnesota .....	2,512	2,606	-3.6	2,512	2,606	-3.6	66.0	74.7
Missouri .....	4,859	3,750	29.6	4,859	3,750	29.6	81.7	80.9
Nebraska .....	1,175	1,205	-2.4	1,175	1,205	-2.4	56.2	55.2
North Dakota .....	2,512	2,419	3.9	2,512	2,419	3.9	93.8	92.1
South Dakota .....	275	200	37.6	275	200	37.6	49.4	49.5
South Atlantic .....	27,859	25,280	10.2	27,859	25,280	10.2	61.2	57.5
Delaware .....	485	439	10.6	485	439	10.6	85.2	75.1
District of Columbia .....	-	-	-	-	-	-	-	-
Florida .....	5,347	4,717	13.4	5,347	4,717	13.4	56.9	52.8
Georgia .....	4,757	4,755	*	4,757	4,755	*	62.3	59.6
Maryland .....	1,825	1,738	5.0	1,825	1,738	5.0	60.3	74.0
North Carolina .....	3,931	3,161	24.4	3,931	3,161	24.4	52.9	50.5
South Carolina .....	2,101	1,640	28.1	2,101	1,640	28.1	36.0	25.5
Virginia .....	2,347	1,719	36.6	2,347	1,719	36.6	52.2	40.4
West Virginia .....	7,065	7,112	-.7	7,065	7,112	-.7	99.0	98.9
East South Central .....	15,150	13,867	9.3	15,150	13,867	9.3	69.4	66.5
Alabama .....	4,182	3,207	30.4	4,182	3,207	30.4	65.2	52.6
Kentucky .....	6,098	6,230	-2.1	6,098	6,230	-2.1	94.0	94.9
Mississippi .....	706	527	33.9	706	527	33.9	35.2	32.7
Tennessee .....	4,164	3,902	6.7	4,164	3,902	6.7	60.3	59.4
West South Central .....	16,647	15,414	8.0	16,647	15,414	8.0	55.0	56.6
Arkansas .....	1,666	1,542	8.1	1,666	1,542	8.1	54.0	58.1
Louisiana .....	1,732	1,404	23.4	1,732	1,404	23.4	39.3	35.9
Oklahoma .....	2,153	2,278	-5.5	2,153	2,278	-5.5	58.4	62.7
Texas .....	11,096	10,191	8.9	11,096	10,191	8.9	58.0	59.8
Mountain .....	16,852	16,914	-.4	16,852	16,914	-.4	75.8	82.0
Arizona .....	3,094	2,972	4.1	3,094	2,972	4.1	53.6	62.6
Colorado .....	2,642	2,578	2.5	2,642	2,578	2.5	95.1	95.9
Idaho .....	-	-	-	-	-	-	-	-
Montana .....	1,591	1,456	9.3	1,591	1,456	9.3	57.6	65.0
Nevada .....	1,511	1,257	20.2	1,511	1,257	20.2	84.2	85.2
New Mexico .....	1,830	2,116	-13.5	1,830	2,116	-13.5	91.3	93.3
Utah .....	2,759	2,919	-5.5	2,759	2,919	-5.5	97.7	98.2
Wyoming .....	3,424	3,616	-5.3	3,424	3,616	-5.3	98.8	98.9
Pacific .....	1,131	893	26.6	1,131	893	26.6	4.6	3.7
California .....	-	-	-	-	-	-	-	-
Oregon .....	301	-3	-9379.2	301	-3	-9379.2	5.9	-.1
Washington .....	799	864	-7.6	799	864	-7.6	8.0	9.5
Alaska .....	31	32	-3.8	31	32	-3.8	6.9	6.9
Hawaii .....	-	-	-	-	-	-	-	-
<b>U.S. Total .....</b>	<b>141,677</b>	<b>132,672</b>	<b>6.8</b>	<b>141,677</b>	<b>132,672</b>	<b>6.8</b>	<b>57.1</b>	<b>55.9</b>

\* For quantity data, the absolute value of the number is less than 0.5 gigawatthours. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Notes: Negative generation denotes that electric power consumed for plant use exceeds gross generation. Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 5. Coal Consumption at Electric Utility Plants, January 1991**  
(Thousand Short Tons)

Census Division and State	January 1991	December 1990	January 1990	Year to Date		
				1991	1990	Percent Change
New England .....	606	623	633	606	633	-4.3
Connecticut .....	95	86	92	95	92	3.1
Massachusetts .....	378	404	411	378	411	-8.2
New Hampshire .....	133	133	129	133	129	2.7
Rhode Island .....	0	0	0	0	0	-
Middle Atlantic .....	5,027	4,590	5,267	5,027	5,267	-4.5
New Jersey .....	222	215	318	222	318	-30.1
New York .....	861	939	932	861	932	-7.5
Pennsylvania .....	3,944	3,536	4,017	3,944	4,017	-1.8
East North Central .....	16,414	15,000	14,771	16,414	14,771	11.1
Illinois .....	3,016	2,449	2,402	3,016	2,402	25.6
Indiana .....	4,352	4,026	4,195	4,352	4,195	3.8
Michigan .....	2,781	2,657	2,608	2,781	2,608	6.6
Ohio .....	4,490	4,271	4,009	4,490	4,009	12.0
Wisconsin .....	1,773	1,597	1,556	1,773	1,556	14.0
West North Central .....	9,975	9,589	9,259	9,975	9,259	7.7
Iowa .....	1,480	1,460	1,383	1,480	1,383	7.1
Kansas .....	1,251	1,233	1,360	1,251	1,360	-8.1
Minnesota .....	1,575	1,579	1,595	1,575	1,595	-1.2
Missouri .....	2,494	2,337	1,885	2,494	1,885	32.4
Nebraska .....	749	686	763	749	763	-1.8
North Dakota .....	2,164	2,032	2,082	2,164	2,082	4.0
South Dakota .....	261	261	192	261	192	35.9
South Atlantic .....	11,145	10,807	10,021	11,145	10,021	11.2
Delaware .....	203	174	184	203	184	10.3
Florida .....	2,185	2,051	1,897	2,185	1,897	15.2
Georgia .....	2,029	2,212	1,934	2,029	1,934	4.9
Maryland .....	696	741	685	696	685	1.7
North Carolina .....	1,523	1,393	1,218	1,523	1,218	25.1
South Carolina .....	835	705	646	835	646	29.3
Virginia .....	922	814	687	922	687	38.2
West Virginia .....	2,752	2,717	2,791	2,752	2,791	-1.4
East South Central .....	8,500	6,424	5,905	8,500	5,905	10.1
Alabama .....	1,756	1,835	1,347	1,756	1,347	30.3
Kentucky .....	2,697	2,540	2,716	2,697	2,716	-7
Mississippi .....	299	226	218	299	218	37.2
Tennessee .....	1,748	1,823	1,623	1,748	1,623	7.7
West South Central .....	11,578	11,383	10,772	11,578	10,772	7.5
Arkansas .....	1,031	1,225	942	1,031	942	9.5
Louisiana .....	1,156	1,132	947	1,156	947	22.1
Oklahoma .....	1,311	1,459	1,356	1,311	1,356	-3.4
Texas .....	8,080	7,567	7,527	8,080	7,527	7.4
Mountain .....	9,196	9,147	9,075	9,196	9,075	1.3
Arizona .....	1,555	1,245	1,481	1,555	1,481	5.0
Colorado .....	1,454	1,481	1,369	1,454	1,369	6.2
Montana .....	1,000	998	918	1,000	918	9.0
Nevada .....	817	768	634	817	634	28.9
New Mexico .....	1,080	1,275	1,240	1,080	1,240	-12.8
Utah .....	1,186	1,215	1,243	1,186	1,243	-4.6
Wyoming .....	2,103	2,165	2,192	2,103	2,192	-4.0
Pacific .....	750	773	588	750	588	27.5
Oregon .....	200	216	0	200	0	-
Washington .....	524	529	561	524	561	-6.5
Alaska .....	26	28	28	26	28	-4.4
<b>U.S. Total .....</b>	<b>71,190</b>	<b>68,335</b>	<b>66,290</b>	<b>71,190</b>	<b>66,290</b>	<b>7.4</b>

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 6. Coal Stocks at Electric Utility Plants, January 1991**  
(Thousand Short Tons)

Census Division and State	January 31, 1991	December 31, 1990	January 31, 1990	Percent Change January 31: 1991 versus 1990
<b>New England</b> .....	<b>1,012</b>	<b>1,113</b>	<b>958</b>	<b>5.6</b>
Connecticut .....	107	140	139	-23.3
Massachusetts .....	515	597	571	-8.8
New Hampshire .....	362	348	219	65.7
Rhode Island .....	28	28	30	-6.7
<b>Middle Atlantic</b> .....	<b>16,681</b>	<b>17,148</b>	<b>12,680</b>	<b>31.6</b>
New Jersey .....	731	740	631	15.8
New York .....	2,045	2,045	1,157	76.7
Pennsylvania .....	13,905	14,363	10,892	27.7
<b>East North Central</b> .....	<b>37,616</b>	<b>40,740</b>	<b>34,525</b>	<b>9.0</b>
Illinois .....	6,679	7,398	8,168	-18.2
Indiana .....	9,759	10,610	8,182	19.3
Michigan .....	8,181	9,093	7,209	12.6
Ohio .....	9,659	9,956	7,090	36.2
Wisconsin .....	3,338	3,683	3,818	-12.6
<b>West North Central</b> .....	<b>17,787</b>	<b>19,324</b>	<b>19,707</b>	<b>-9.7</b>
Iowa .....	3,705	4,206	3,717	-3.3
Kansas .....	3,537	3,729	3,200	10.5
Minnesota .....	2,142	2,253	2,480	-13.6
Missouri .....	4,060	4,434	4,904	-17.2
Nebraska .....	1,467	1,589	1,712	-14.3
North Dakota .....	2,581	2,828	3,404	-24.2
South Dakota .....	285	286	291	1.4
<b>South Atlantic</b> .....	<b>27,882</b>	<b>27,799</b>	<b>22,628</b>	<b>23.2</b>
Delaware .....	455	406	280	62.6
Florida .....	4,857	4,822	4,504	7.8
Georgia .....	5,808	5,473	5,588	4.0
Maryland .....	2,005	2,114	1,198	67.3
North Carolina .....	4,589	4,419	3,565	28.7
South Carolina .....	1,909	2,052	1,886	1.2
Virginia .....	1,594	1,639	1,639	-2.7
West Virginia .....	6,664	6,874	3,968	67.9
<b>East South Central</b> .....	<b>15,268</b>	<b>15,876</b>	<b>12,753</b>	<b>19.7</b>
Alabama .....	3,863	3,869	4,118	-6.2
Kentucky .....	7,293	7,612	4,705	55.0
Mississippi .....	742	799	797	-6.9
Tennessee .....	3,370	3,596	3,133	7.6
<b>West South Central</b> .....	<b>13,681</b>	<b>14,342</b>	<b>15,661</b>	<b>-12.6</b>
Arkansas .....	1,695	1,722	2,162	-21.6
Louisiana .....	2,252	2,458	2,455	-8.3
Oklahoma .....	2,688	2,633	2,956	-9.1
Texas .....	7,046	7,529	8,088	-12.9
<b>Mountain</b> .....	<b>16,865</b>	<b>16,828</b>	<b>17,147</b>	<b>-1.6</b>
Arizona .....	3,190	3,090	3,341	-4.5
Colorado .....	3,371	3,298	3,940	-14.4
Montana .....	797	767	846	-5.7
Nevada .....	1,152	1,222	1,106	4.2
New Mexico .....	1,462	1,538	1,339	9.2
Utah .....	3,744	3,697	3,260	14.9
Wyoming .....	3,149	3,215	3,316	-5.0
<b>Pacific</b> .....	<b>1,945</b>	<b>1,993</b>	<b>1,405</b>	<b>38.4</b>
Oregon .....	663	675	480	38.0
Washington .....	1,279	1,316	921	38.9
Alaska .....	3	2	4	-29.4
<b>U.S. Total</b> .....	<b>148,736</b>	<b>155,163</b>	<b>137,465</b>	<b>8.2</b>

Note: Total may not equal sum of components because of independent rounding.  
Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 7. Coal Receipts at Electric Utility Plants, December 1990**  
(Thousand Short Tons)

Census Division and State	December 1990	November 1990	December 1989	Year to Date		
				1990	1989	Percent Change
New England .....	586	488	545	6,345	6,327	0.3
Connecticut .....	76	64	59	954	875	9.0
Massachusetts .....	366	305	405	4,120	4,388	-6.1
New Hampshire .....	144	118	81	1,271	1,064	19.4
Middle Atlantic .....	4,312	4,267	4,483	58,200	55,969	4.0
New Jersey .....	209	202	247	2,835	3,324	-14.7
New York .....	954	831	767	10,568	9,879	7.0
Pennsylvania .....	3,149	3,234	3,469	44,796	42,766	4.7
East North Central .....	13,459	14,997	13,199	174,593	161,663	8.0
Illinois .....	2,140	2,209	2,075	26,456	25,067	5.5
Indiana .....	3,652	3,995	3,692	49,194	40,560	21.3
Michigan .....	2,297	2,712	2,024	29,701	28,996	2.4
Ohio .....	4,054	4,490	4,189	51,431	49,505	3.9
Wisconsin .....	1,317	1,592	1,218	17,811	17,535	1.6
West North Central .....	8,323	9,036	7,985	103,252	100,899	2.3
Iowa .....	1,015	1,442	870	15,639	14,316	9.2
Kansas .....	1,296	1,336	1,043	15,772	14,725	7.1
Minnesota .....	1,344	1,457	1,352	16,559	16,176	2.4
Missouri .....	1,934	2,261	1,676	24,351	24,768	-1.8
Nebraska .....	547	578	753	7,939	7,473	6.2
North Dakota .....	1,962	1,757	2,079	20,915	21,359	-2.1
South Dakota .....	226	205	213	2,078	2,063	.7
South Atlantic .....	10,715	11,055	9,526	134,900	128,322	5.1
Delaware .....	160	234	148	2,192	1,918	14.3
Florida .....	1,855	2,041	1,888	24,285	23,375	3.9
Georgia .....	2,137	2,315	1,837	27,888	25,434	9.6
Maryland .....	793	779	618	10,002	8,484	17.7
North Carolina .....	1,433	1,593	1,333	19,566	18,413	6.3
South Carolina .....	761	760	647	9,388	9,805	-4.3
Virginia .....	937	813	633	8,488	9,739	-12.8
West Virginia .....	2,639	2,519	2,423	33,092	31,143	6.3
East South Central .....	6,121	6,868	5,744	82,726	73,798	12.1
Alabama .....	1,661	1,906	1,653	22,208	21,311	4.2
Kentucky .....	2,496	2,690	2,440	35,151	30,733	14.4
Mississippi .....	283	308	226	3,921	3,455	13.6
Tennessee .....	1,681	1,965	1,426	21,446	18,300	17.2
West South Central .....	10,053	10,025	9,867	120,617	121,925	-1.1
Arkansas .....	954	1,184	908	10,939	11,502	-4.9
Louisiana .....	1,016	1,144	779	11,593	11,594	^
Oklahoma .....	1,228	1,248	1,280	14,471	14,635	-1.1
Texas .....	6,854	6,449	6,900	83,614	84,195	-1.7
Mountain .....	8,298	8,103	8,681	99,913	98,709	1.2
Arizona .....	1,046	1,291	1,192	15,385	15,244	.9
Colorado .....	1,285	1,213	1,401	15,343	15,752	-2.6
Montana .....	964	846	967	9,520	10,224	-6.9
Nevada .....	691	605	637	7,477	7,067	5.8
New Mexico .....	1,311	1,066	1,357	15,241	15,238	^
Utah .....	1,010	924	1,000	14,014	13,385	4.7
Wyoming .....	1,990	2,058	2,127	22,933	21,798	5.2
Pacific .....	519	562	484	6,012	5,606	7.2
Oregon .....	149	192	-	968	-	-
Washington .....	370	370	484	5,044	5,606	-10.0
<b>U.S. Total .....</b>	<b>62,386</b>	<b>65,401</b>	<b>60,515</b>	<b>786,557</b>	<b>753,217</b>	<b>4.4</b>

\* For quantity data, the value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note: Total may not equal sum of components because of independent rounding.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 8. Quality and Price of Coal Receipts at Electric Utility Plants,  
December 1990**

Census Division and State	December 1990		December 1989		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1990		1989		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England .....	0.79	181	0.94	172	0.95	180	0.96	170	-1.8	6.1
Connecticut .....	.40	209	.42	211	.41	213	.40	214	1.0	-.4
Massachusetts .....	.86	175	.96	165	.94	173	.95	160	-.4	8.2
New Hampshire .....	.83	183	1.25	180	1.36	178	1.49	173	-8.7	3.1
Mid Atlantic .....	1.63	158	1.56	153	1.65	155	1.57	149	5.7	4.2
New Jersey .....	.86	185	1.05	181	.86	180	.89	176	-2.8	2.4
New York .....	1.39	164	1.28	158	1.43	161	1.32	157	8.3	2.6
Pennsylvania .....	1.76	154	1.66	150	1.77	152	1.68	145	5.0	5.0
East North Central .....	1.69	148	1.67	154	1.65	151	1.66	154	-.5	-2.2
Illinois .....	1.99	169	1.97	176	1.92	175	1.88	181	1.9	-3.3
Indiana .....	2.02	132	1.84	135	1.95	136	2.07	136	-5.8	.2
Michigan .....	.62	154	.67	171	.63	160	.60	172	5.7	-7.1
Ohio .....	2.09	153	2.08	153	2.06	152	2.08	149	-1.0	1.9
Wisconsin .....	.74	128	.80	147	.84	136	.88	145	-4.6	-6.2
West North Central .....	1.04	106	1.05	106	1.11	113	1.15	114	-4.0	-.9
Iowa .....	.52	89	.46	104	.79	112	.87	122	-8.9	-8.2
Kansas .....	.43	120	.85	125	.65	124	.73	124	-10.2	.2
Minnesota .....	.60	111	.56	106	.58	125	.59	120	-.7	4.5
Missouri .....	1.88	133	1.92	137	1.94	138	2.02	135	-4.1	.8
Nebraska .....	.41	71	.41	72	.41	75	.42	83	-.5	-9.0
North Dakota .....	1.21	70	1.14	71	1.23	69	1.11	69	10.6	-1.1
South Dakota .....	1.38	115	1.43	124	1.47	115	1.45	124	1.4	-7.7
South Atlantic .....	1.20	168	1.24	167	1.22	168	1.21	165	1.4	1.7
Delaware .....	.79	172	.79	183	.74	181	.80	179	-7.9	1.2
Florida .....	1.36	184	1.36	180	1.40	185	1.42	179	-.9	3.4
Georgia .....	1.30	183	1.42	171	1.37	175	1.39	175	-1.3	*
Maryland .....	1.16	165	1.26	165	1.13	165	1.13	161	.6	2.2
North Carolina .....	.78	176	.72	180	.78	178	.73	177	4.2	.5
South Carolina .....	.96	170	.87	170	.94	172	.89	171	6.4	.8
Virginia .....	.75	155	.73	162	.76	155	.74	155	2.5	-.2
West Virginia .....	1.52	146	1.55	147	1.52	147	1.49	143	1.7	3.3
East South Central .....	1.69	139	1.84	143	1.77	143	1.85	143	-4.2	.3
Alabama .....	1.21	175	1.28	184	1.24	184	1.37	186	-8.9	-1.2
Kentucky .....	2.15	121	2.40	117	2.24	119	2.39	114	-6.1	5.0
Mississippi .....	1.17	171	1.36	162	1.31	165	1.23	167	6.1	-1.0
Tennessee .....	1.62	124	1.67	136	1.67	134	1.67	134	-.2	*
West South Central .....	.84	145	.82	142	.84	149	.81	147	3.4	.9
Arkansas .....	.37	151	.40	165	.39	161	.39	163	-.6	-1.0
Louisiana .....	.54	168	.57	168	.59	170	.58	163	2.4	4.2
Oklahoma .....	.45	148	.54	132	.52	140	.51	136	2.8	3.2
Texas .....	1.08	139	.99	137	1.01	145	.98	145	3.6	.3
Mountain .....	.57	109	.57	109	.56	113	.56	112	.1	1.6
Arizona .....	.47	138	.46	125	.47	143	.46	136	.7	5.2
Colorado .....	.39	99	.39	104	.39	108	.38	106	1.8	-.3
Montana .....	.76	73	.73	58	.74	67	.78	58	-4.9	16.2
Nevada .....	.47	130	.48	178	.48	149	.47	152	1.6	-2.0
New Mexico .....	.88	127	.91	118	.87	132	.87	124	.1	6.5
Utah .....	.39	120	.42	122	.43	117	.43	124	.3	-5.8
Wyoming .....	.61	85	.60	85	.61	84	.60	85	2.3	-1.2
Pacific .....	.86	139	.82	156	.78	149	.81	156	-3.7	-4.0
Oregon .....	.39	105	-	-	.38	108	-	-	-	-
Washington .....	.78	153	.82	156	.86	158	.81	156	6.1	1.3
U.S. Total .....	1.26	142	1.27	143	1.29	145	1.28	144	.8	.6

\* For percentage calculations, the absolute value of the number is less than 0.05 percent.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 9. Quality and Price of Contract Coal Receipts at Electric Utility Plants, December 1990**

Census Division and State	December 1990		December 1989		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1990		1989		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England .....	0.80	182	0.98	171	0.95	180	0.87	170	9.3	6.0
Connecticut .....	.39	222	.42	211	.40	216	.40	217	1.1	-.7
Massachusetts .....	.85	175	.99	164	.96	170	.95	159	1.1	7.5
New Hampshire .....	.83	183	1.47	172	1.37	178	1.48	171	-7.6	4.1
Mid Atlantic .....	1.66	161	1.63	158	1.72	158	1.64	154	4.9	2.7
New Jersey .....	.91	184	.98	179	.87	179	.92	176	-5.1	1.8
New York .....	1.35	165	1.25	162	1.42	162	1.29	162	10.8	-.4
Pennsylvania .....	1.80	158	1.76	155	1.85	156	1.78	150	4.2	3.6
East North Central .....	1.76	157	1.67	163	1.70	159	1.68	163	1.2	-2.8
Illinois .....	2.11	178	2.04	181	1.98	183	1.93	186	3.0	-1.6
Indiana .....	2.06	134	1.81	142	1.98	140	2.11	143	-6.2	-1.8
Michigan .....	.61	183	.59	174	.61	164	.58	178	4.5	-7.5
Ohio .....	2.19	170	2.17	170	2.18	167	2.19	165	-.1	1.0
Wisconsin .....	.82	134	.81	146	.92	142	.91	145	1.2	-2.3
West North Central .....	1.10	107	1.10	109	1.11	115	1.14	116	-2.6	-.7
Iowa .....	.59	101	.42	123	.87	123	.78	130	12.4	-5.7
Kansas .....	.43	131	.71	128	.45	127	.61	126	-26.0	1.0
Minnesota .....	.59	111	.55	106	.56	126	.57	120	-1.5	4.9
Missouri .....	2.13	137	2.17	150	2.05	139	2.09	138	-1.9	.6
Nebraska .....	.40	71	.40	73	.41	77	.42	86	-2.6	-9.9
North Dakota .....	1.21	70	1.14	71	1.23	69	1.11	70	10.4	-1.5
South Dakota .....	1.38	115	1.43	124	1.48	115	1.45	124	1.9	-7.7
South Atlantic .....	1.24	176	1.22	176	1.24	178	1.21	174	2.8	1.1
Delaware .....	.62	183	.73	188	.72	184	.79	182	-8.6	1.2
Florida .....	1.25	192	1.29	189	1.33	193	1.30	189	2.0	2.1
Georgia .....	1.47	194	1.43	181	1.46	183	1.43	182	1.8	.5
Maryland .....	1.18	165	1.31	169	1.14	166	1.19	163	-3.5	1.4
North Carolina .....	.77	182	.73	185	.76	184	.73	182	3.7	1.1
South Carolina .....	.95	179	.85	177	.95	178	.89	179	6.6	-.5
Virginia .....	.76	158	.71	158	.78	157	.74	154	5.5	1.9
West Virginia .....	1.61	155	1.54	160	1.58	158	1.51	155	4.7	1.5
East South Central .....	1.79	144	1.86	153	1.88	150	1.86	155	-.1	-3.0
Alabama .....	1.10	190	1.07	204	1.13	201	1.23	202	-8.3	-.3
Kentucky .....	2.38	122	2.68	121	2.57	120	2.70	121	-4.7	-.2
Mississippi .....	1.02	176	1.20	168	1.10	171	1.09	174	1.3	-1.8
Tennessee .....	1.71	124	1.71	141	1.73	137	1.72	139	.3	-1.0
West South Central .....	.86	145	.83	143	.85	150	.81	146	5.1	2.7
Arkansas .....	.37	151	.40	165	.39	161	.39	163	-.6	-1.0
Louisiana .....	.54	168	.57	168	.59	170	.57	163	3.3	3.8
Oklahoma .....	.44	150	.47	134	.50	143	.48	138	5.5	3.4
Texas .....	1.10	139	1.02	138	1.04	146	.99	141	4.3	3.3
Mountain .....	.58	112	.58	111	.57	118	.57	113	.2	2.3
Arizona .....	.47	138	.46	125	.47	143	.46	136	.6	5.2
Colorado .....	.40	102	.39	106	.39	108	.38	108	3.2	.2
Montana .....	.76	73	.73	58	.74	87	.78	58	-4.9	16.2
Nevada .....	.47	130	.48	176	.48	149	.47	152	1.5	-2.0
New Mexico .....	.88	127	.91	118	.87	132	.87	124	.1	6.5
Utah .....	.39	122	.41	125	.42	118	.42	126	.2	-6.1
Wyoming .....	.62	89	.62	87	.63	87	.62	87	1.8	-.3
Pacific .....	.66	139	.93	162	.81	151	.88	162	-7.6	-6.7
Oregon .....	.39	105	-	-	.38	108	-	-	-	-
Washington .....	.78	153	.93	162	.90	160	.88	162	3.0	-1.0
U.S. Total .....	1.27	146	1.24	147	1.29	149	1.25	148	2.8	.6

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.  
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 10. Quality and Price of Spot Coal Receipts at Electric Utility Plants, December 1990**

Census Division and State	December 1990		December 1989		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1990		1989		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England .....	0.70	177	0.74	177	0.92	181	1.16	170	-20.7	6.6
Connecticut .....	.41	181	-	-	.42	189	.42	180	-.3	5.0
Massachusetts .....	.91	174	.80	168	.90	180	.93	166	-3.3	8.7
New Hampshire .....	-	-	.52	207	1.32	181	1.50	173	-11.8	4.5
Mid Atlantic .....	1.49	145	1.36	141	1.43	145	1.37	135	4.6	7.1
New Jersey .....	.56	188	1.23	188	.79	188	.79	175	.8	7.0
New York .....	1.49	162	1.33	150	1.44	160	1.38	147	4.2	8.6
Pennsylvania .....	1.55	132	1.38	134	1.45	137	1.41	128	3.0	7.4
East North Central .....	1.50	124	1.69	126	1.50	125	1.59	122	-5.8	3.0
Illinois .....	1.47	131	1.40	137	1.56	131	1.42	127	10.4	2.8
Indiana .....	1.89	124	1.94	108	1.82	119	1.93	110	-5.3	8.3
Michigan .....	.65	135	.89	162	.71	145	.67	149	7.2	-2.8
Ohio .....	1.89	119	1.91	119	1.81	122	1.85	115	-2.5	5.3
Wisconsin .....	.39	104	.50	153	.59	117	.69	144	-15.1	-18.7
West North Central .....	.79	100	.87	95	1.06	105	1.21	104	-12.3	.8
Iowa .....	.47	80	.49	90	.63	90	1.10	101	-43.0	-10.6
Kansas .....	.45	89	1.65	110	1.51	111	1.50	109	.5	1.5
Minnesota .....	.78	107	.70	112	.82	114	.77	115	6.7	-1.4
Missouri .....	1.25	124	1.17	98	1.47	126	1.57	118	-6.8	6.8
Nebraska .....	.42	69	.43	68	.43	68	.39	68	8.7	-1.1
North Dakota .....	-	-	-	-	-	-	1.00	48	-	-
South Dakota .....	-	-	-	-	.41	114	-	-	-	-
South Atlantic .....	1.09	143	1.27	143	1.17	144	1.20	142	-2.9	1.4
Delaware .....	.99	159	1.08	161	.81	175	.95	161	-15.3	8.3
Florida .....	1.91	146	1.63	146	1.73	149	1.79	144	-3.8	3.8
Georgia .....	.87	156	1.42	150	1.13	153	1.25	153	-9.5	*
Maryland .....	1.11	164	1.12	156	1.11	162	1.00	156	11.0	3.9
North Carolina .....	.87	140	.70	160	.78	149	.73	154	6.6	-3.0
South Carolina .....	.97	152	.92	156	.94	156	.89	156	5.8	*
Virginia .....	.72	148	.76	166	.72	150	.74	156	-3.2	-3.9
West Virginia .....	1.20	118	1.55	109	1.32	115	1.44	106	-8.5	7.5
East South Central .....	1.37	124	1.80	114	1.50	122	1.82	110	-17.6	10.7
Alabama .....	1.52	129	1.93	123	1.65	127	1.93	124	-14.5	2.7
Kentucky .....	1.17	117	1.80	108	1.39	118	1.88	102	-26.3	13.7
Mississippi .....	2.22	139	2.21	135	2.01	146	1.85	137	8.6	6.9
Tennessee .....	1.36	125	1.51	115	1.45	123	1.45	114	.5	8.0
West South Central .....	.46	137	.61	120	.54	128	.82	169	-34.0	-24.2
Louisiana .....	-	-	-	-	-	-	.87	131	-	-
Oklahoma .....	.61	125	.92	118	.68	123	.77	122	-10.8	1.2
Texas .....	.41	142	.40	122	.45	131	.83	193	-45.9	-28.1
Mountain .....	.47	83	.43	90	.45	88	.41	89	9.7	-1.2
Arizona .....	.40	187	-	-	.55	160	-	-	-	-
Colorado .....	.35	90	.41	99	.37	98	.39	99	-4.7	-7
Nevada .....	-	-	-	-	.62	149	-	-	-	-
Utah .....	.43	102	.51	102	.47	104	.47	104	-1.1	.4
Wyoming .....	.57	70	.38	62	.51	88	.38	62	32.1	8.4
Pacific .....	-	-	.38	127	.36	128	.44	121	-19.1	5.6
Washington .....	-	-	.36	127	.36	128	.44	121	-19.1	5.6
U.S. Total .....	1.19	128	1.36	126	1.28	128	1.37	128	-6.5	.6

\* For percentage calculations, the absolute value of the number is less than 0.05 percent.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 11. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, December 1990**

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama .....	288	253	610	181	207	161	1,105	196	1.05	-13.2	-3.6	-1.8
Arizona .....	1,057	107	-	-	-	-	1,057	107	.46	7.8	-11.2	-2.6
Colorado .....	1,253	131	-	-	-	-	1,253	131	.38	-7.0	-9.3	-3.1
Illinois .....	1	149	841	155	3,381	158	4,223	157	2.45	12.0	-4	3.1
Indiana .....	63	150	233	130	1,903	122	2,199	124	2.30	-1.5	2.5	-1.1
Iowa .....	-	-	-	-	6	167	6	167	2.97	100.0	4.9	-13.2
Kansas .....	-	-	-	-	33	120	33	120	2.72	-64.6	-7.1	-25.1
Kentucky .....	1,359	168	5,108	164	3,127	125	9,593	152	1.44	4.9	-1.1	-5.0
Louisiana .....	-	-	204	140	-	-	204	140	.84	-3.3	7.3	-.9
Maryland .....	-	-	290	153	14	131	313	152	1.26	47.1	-.3	-4.6
Missouri .....	-	-	-	-	127	190	127	190	3.92	-30.4	3.4	-13.2
Montana .....	1,053	159	1,863	101	-	-	2,916	124	.62	.1	-.2	2.3
New Mexico .....	244	168	1,435	134	-	-	1,679	139	.80	-5.9	10.4	-.6
North Dakota .....	-	-	1,831	80	357	48	2,188	75	1.23	-4.6	-.9	5.5
Ohio .....	1	172	40	142	2,205	149	2,247	148	2.86	-5.8	-6.2	-.1
Oklahoma .....	11	153	22	147	-	-	33	149	.89	-62.5	5.9	-39.5
Pennsylvania .....	91	165	2,426	163	1,115	138	3,632	156	1.48	-5.1	2.2	5.1
Tennessee .....	10	122	248	139	57	116	315	134	1.06	-17.6	-12.0	-3.5
Texas .....	-	-	3,355	112	870	116	4,224	113	1.61	-3.7	8.5	12.1
Utah .....	1,121	123	-	-	-	-	1,121	123	.40	-2.1	-3.1	-7.9
Virginia .....	335	184	1,062	164	-	-	1,397	169	.85	-4.7	-1.8	-1.3
Washington .....	-	-	370	153	-	-	370	153	.78	-8.9	-5.2	-15.7
West Virginia .....	1,904	172	3,290	159	2,220	146	7,415	158	1.31	17.6	1.2	-1.4
Wyoming .....	13,255	130	1,325	97	-	-	14,580	127	.44	7.7	-.5	1.0
Imported .....	29	183	127	178	-	-	156	179	.58	7.0	2.3	-10.6
U.S. Total .....	22,075	142	24,890	145	15,621	139	62,386	142	1.26	3.1	-.2	-.8

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.  
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."



**Table 12. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-December 1990**

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama .....	4,201	259	8,032	186	4,150	179	16,383	203	1.10	9.3	1.2	-1.1
Arizona .....	11,447	108	-	-	-	-	11,447	108	.46	-3.9	1.2	.4
Colorado .....	15,232	142	150	218	-	-	15,382	143	.39	8.7	.8	1.4
Illinois .....	1	149	10,185	163	44,046	155	54,232	157	2.42	.8	-.3	3.0
Indiana .....	634	151	2,895	128	27,419	127	30,947	128	2.30	13.9	1.8	-.4
Iowa .....	-	-	-	-	66	164	66	164	3.29	43.5	7.1	-8.2
Kansas .....	-	-	-	-	650	123	650	123	2.60	-21.3	-5.9	-29.9
Kentucky .....	16,876	168	89,024	168	42,940	126	128,841	154	1.48	7.0	*	.5
Louisiana .....	-	-	3,186	134	-	-	3,186	134	.80	6.9	4.8	.8
Maryland .....	-	-	2,932	153	72	129	3,004	153	1.28	26.8	4.0	-2.4
Missouri .....	-	-	-	-	2,343	165	2,343	165	3.95	-23.7	23.8	-8.0
Montana .....	15,054	176	20,572	106	-	-	35,627	137	.59	-1.3	3.0	-3.1
New Mexico .....	5,725	184	16,918	138	-	-	22,644	150	.75	2.4	5.7	.1
North Dakota .....	-	-	20,931	73	2,052	63	22,983	72	1.25	-1.9	-2.0	9.7
Ohio .....	29	155	1,529	143	28,539	150	30,098	149	2.85	-1.0	-4.4	1.8
Oklahoma .....	494	148	476	145	213	112	1,184	140	1.28	7.0	-.6	-26.6
Pennsylvania .....	1,787	171	33,878	155	14,823	151	50,488	155	1.48	6.1	4.3	4.3
Tennessee .....	294	140	3,449	148	875	131	4,618	144	1.14	-1.4	1.3	6.2
Texas .....	-	-	33,279	107	15,772	111	49,051	108	1.57	1.6	3.6	1.4
Utah .....	14,330	116	906	152	-	-	15,237	118	.44	3.8	-5.7	-.5
Virginia .....	3,501	184	13,806	165	23	157	17,330	169	.88	-3.7	1.1	-.8
Washington .....	-	-	4,696	160	-	-	4,696	160	.90	-4.6	-.1	3.2
West Virginia .....	23,087	170	40,153	160	25,351	143	88,591	158	1.31	6.4	3.1	2.1
Wyoming .....	164,362	135	11,791	98	9	136	176,162	133	.44	6.4	-2.9	.2
Imported .....	477	170	889	178	-	-	1,366	175	.59	12.5	-1.4	5.0
U.S. Total .....	277,535	146	299,678	148	209,344	140	786,557	145	1.29	4.4	.6	.8

\* For percentage calculations, the absolute value of the number is less than 0.05 percent.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 13. Destination of Coal Received at Electric Utility Plants by Origin,  
January-December 1990**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Alabama .....	22,208	21,311	76.7	80.0	1.24	1.37	184	186
Alabama .....	16,144	14,725	81.7	82.8	1.09	1.10	204	202
Illinois .....	463	874	-	2.9	1.99	1.96	113	110
Indiana .....	459	374	-	-	2.05	2.95	117	106
Kentucky .....	3,416	2,125	43.3	37.0	1.84	2.36	135	123
Ohio .....	607	2,352	95.9	100.0	1.87	1.99	117	206
Tennessee .....	809	745	12.0	25.1	.66	.62	125	126
West Virginia .....	94	117	68.8	30.9	.67	.66	138	159
Wyoming .....	216	-	-	-	.44	-	170	-
Arizona .....	15,385	15,244	99.8	100.0	.47	.46	143	138
Arizona .....	7,276	7,769	100.0	100.0	.44	.44	101	98
Colorado .....	979	648	100.0	100.0	.33	.34	174	172
New Mexico .....	7,119	6,826	99.7	100.0	.52	.50	187	180
Wyoming .....	11	-	-	-	.40	-	187	-
Arkansas .....	10,939	11,502	100.0	100.0	.39	.39	161	163
Wyoming .....	10,939	11,502	100.0	100.0	.39	.39	161	163
Colorado .....	15,343	15,752	83.6	86.9	.39	.38	108	106
Colorado .....	9,985	10,162	74.7	82.0	.39	.38	107	109
New Mexico .....	-	32	-	-	-	.42	-	130
Wyoming .....	5,358	5,558	100.0	96.2	.39	.37	105	100
Connecticut .....	954	875	89.3	90.3	.41	.40	213	214
Kentucky .....	954	849	89.3	93.1	.41	.40	213	215
West Virginia .....	-	26	-	-	-	.49	-	185
Delaware .....	2,192	1,918	74.3	88.4	.74	.80	181	179
Kentucky .....	117	24	14.2	75.0	.52	.61	194	177
Maryland .....	21	7	100.0	100.0	1.11	1.16	141	139
Pennsylvania .....	423	458	30.1	72.0	1.03	1.17	163	163
Virginia .....	227	76	51.7	100.0	.71	.66	195	200
West Virginia .....	1,404	1,354	95.9	93.5	.67	.69	184	184
Florida .....	24,285	23,375	81.2	77.1	1.40	1.42	185	179
Alabama .....	-	13	-	-	-	2.55	-	114
Illinois .....	4,212	4,107	97.9	99.1	2.41	2.38	209	199
Indiana .....	431	508	-	15.1	2.86	2.99	108	130
Kentucky .....	15,333	14,980	77.7	89.6	1.29	1.28	178	172
Tennessee .....	126	90	100.0	100.0	.87	.80	215	216
Virginia .....	969	838	90.7	98.0	.58	.58	236	233
West Virginia .....	2,165	1,999	87.4	90.9	.89	.96	184	182
Imported coal Colombia .....	1,008	803	77.5	91.7	.62	.62	172	173
Imported coal Venezuela .....	40	37	-	-	.63	.36	171	141
Georgia .....	27,888	25,434	71.2	74.9	1.37	1.39	175	175
Alabama .....	239	246	9.8	-	1.67	1.65	155	153
Illinois .....	4,881	5,188	96.1	98.5	2.53	2.30	181	182
Kentucky .....	14,458	13,903	72.6	67.3	1.28	1.28	169	166
Montana .....	-	54	-	-	-	.34	-	181
Ohio .....	46	-	-	-	2.28	-	142	-
Tennessee .....	1,269	1,140	48.8	75.0	1.10	.83	180	198
Virginia .....	3,339	3,277	74.3	70.8	1.06	1.09	174	172
West Virginia .....	1,497	1,355	99.2	100.0	.56	.54	247	243
Wyoming .....	2,159	188	2.7	-	.35	.43	143	137
Imported coal Colombia .....	-	23	-	-	-	.54	-	173
Illinois .....	26,456	25,067	85.2	91.6	1.92	1.88	175	181
Colorado .....	11	59	-	-	.40	.41	156	180
Illinois .....	15,573	14,740	90.2	95.7	2.72	2.69	146	151
Indiana .....	1,968	2,014	72.3	67.9	1.56	1.38	126	126
Kentucky .....	2,193	1,533	41.9	67.0	.82	.67	158	162
Montana .....	2,726	2,894	100.0	99.6	.39	.38	289	283
New Mexico .....	222	20	50.0	-	.45	.46	166	182
Tennessee .....	155	-	100.0	-	.58	-	169	-
Virginia .....	-	6	-	-	-	.59	-	185
West Virginia .....	258	288	20.9	55.2	.53	.52	155	170
Wyoming .....	3,351	3,514	92.7	97.6	.45	.47	290	290
Indiana .....	49,194	40,560	82.2	79.2	1.95	2.07	136	136
Colorado .....	600	256	86.4	81.4	.38	.39	285	301
Illinois .....	9,698	8,801	85.4	87.8	2.44	2.38	157	160
Indiana .....	21,471	18,942	79.5	79.1	2.41	2.46	124	121
Kentucky .....	4,592	4,212	91.4	80.5	2.48	2.39	129	127
Montana .....	585	341	59.5	51.9	.39	.35	233	220
Ohio .....	54	13	-	-	2.26	1.82	127	129
Virginia .....	58	-	-	-	.58	-	164	-

See footnotes at end of table.

**Table 13. Destination of Coal Received at Electric Utility Plants by Origin,  
January-December 1990 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Indiana								
West Virginia	422	278	50.4	54.8	0.55	0.76	194	188
Wyoming	11,715	7,717	83.9	71.2	.39	.43	128	141
Iowa	15,639	14,316	66.3	72.3	.79	.87	112	122
Illinois	1,159	1,736	91.5	61.5	2.47	2.54	168	144
Indiana	1,078	711	70.6	42.9	2.24	2.16	135	131
Iowa	66	46	100.0	100.0	3.29	3.59	164	153
Kentucky	29	75	-	-	2.75	2.35	133	127
Wyoming	13,306	11,748	63.7	76.0	.43	.41	103	116
Kansas	15,772	14,725	83.3	88.6	.65	.73	124	124
Colorado	178	-	94.2	-	.33	-	118	-
Illinois	1,223	645	19.2	30.2	2.51	2.63	149	147
Kansas	244	692	-	60.0	2.42	3.92	121	131
Wyoming	14,126	13,388	90.1	92.9	.40	.41	122	122
Kentucky	35,151	30,733	73.0	62.8	2.24	2.39	119	114
Illinois	91	9	88.6	-	1.59	1.72	135	116
Indiana	2,525	2,107	64.4	48.8	2.40	2.23	110	105
Kentucky	28,327	25,475	76.9	66.4	2.43	2.59	119	114
Ohio	251	124	51.8	51.4	2.43	2.22	144	129
Pennsylvania	12	19	12.4	53.1	2.05	2.03	113	128
Tennessee	626	541	86.8	32.6	2.07	2.09	120	105
Virginia	60	-	100.0	-	.58	-	158	-
West Virginia	3,047	2,435	42.3	45.5	.63	.66	129	117
Wyoming	213	22	65.2	-	.40	.37	123	124
Louisiana	11,593	11,594	100.0	97.9	.59	.58	170	163
Louisiana	3,186	2,981	100.0	91.7	.80	.79	134	127
West Virginia	211	195	100.0	100.0	.51	.51	204	202
Wyoming	8,196	8,418	100.0	100.0	.53	.52	179	171
Maryland	10,002	8,494	71.4	68.4	1.13	1.13	165	161
Kentucky	407	714	79.9	84.7	.56	.59	160	165
Maryland	1,732	1,437	45.6	54.5	1.23	1.25	172	166
Ohio	7	-	-	-	1.78	-	166	-
Pennsylvania	2,578	2,381	90.5	95.8	1.47	1.52	179	171
Virginia	21	-	-	-	.47	-	179	-
West Virginia	5,256	3,715	70.2	57.6	.99	.98	156	150
Imported coal Colombia	-	247	-	-	-	.47	-	195
Massachusetts	4,120	4,387	70.1	77.0	.94	.95	173	160
Kentucky	49	23	-	-	.75	.69	180	138
Maryland	40	-	-	-	.75	-	185	-
Pennsylvania	878	954	26.1	23.1	1.07	1.06	174	164
Virginia	1,510	1,758	91.3	100.0	.90	.92	176	183
West Virginia	1,469	1,592	87.0	88.0	.96	.93	168	155
Imported coal Colombia	105	63	-	-	.56	.50	190	183
Imported coal Venezuela	70	-	-	-	.48	-	181	-
Michigan	29,701	28,996	77.7	81.3	.63	.60	160	172
Indiana	148	149	59.3	58.6	2.47	2.31	159	155
Kentucky	7,293	7,425	71.2	83.0	.74	.66	177	194
Montana	11,504	11,425	95.5	94.6	.37	.38	148	152
Ohio	178	217	80.3	67.6	2.77	2.48	190	179
Pennsylvania	1,931	1,759	73.2	71.7	1.13	1.03	158	172
Virginia	113	598	100.0	100.0	1.09	.91	186	176
West Virginia	6,155	6,287	73.1	71.9	.67	.59	169	180
Wyoming	2,379	1,135	27.2	-	.34	.35	110	117
Minnesota	16,559	16,176	93.6	93.9	.58	.59	125	120
Illinois	51	57	100.0	100.0	1.34	1.35	178	194
Indiana	69	68	12.5	-	1.79	1.64	156	138
Kentucky	8	1	56.6	-	.91	.59	189	198
Montana	9,309	8,952	89.8	90.0	.77	.79	132	126
North Dakota	1	1	100.0	100.0	.87	1.41	174	176
Pennsylvania	3	-	100.0	-	1.02	-	176	-
West Virginia	2	-	100.0	-	.95	-	169	-
Wyoming	7,116	7,097	99.4	99.6	.31	.31	116	111
Mississippi	3,921	3,455	76.7	80.7	1.31	1.23	165	167
Illinois	1,131	1,116	89.2	85.3	2.04	1.99	151	147
Indiana	23	-	-	-	4.17	-	126	-
Kentucky	2,766	2,311	72.2	79.5	.99	.87	172	177
West Virginia	-	27	-	-	-	1.30	-	143
Missouri	24,351	24,788	79.0	85.1	1.94	2.02	136	135
Colorado	292	62	100.0	14.5	.40	.33	160	187

See footnotes at end of table.

**Table 13. Destination of Coal Received at Electric Utility Plants by Origin,  
January-December 1990 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
<b>Missouri</b>								
Illinois .....	12,410	13,633	84.9	89.8	2.23	2.16	151	152
Indiana .....	115	55	100.0	49.1	2.90	1.09	122	123
Kansas .....	405	134	7.4	22.0	2.70	2.74	124	129
Kentucky .....	1,066	285	97.9	97.4	2.59	2.74	122	128
Missouri .....	2,343	3,071	97.6	98.9	3.95	4.29	165	134
New Mexico .....	18	-	-	-	.34	-	135	-
Ohio .....	24	-	-	-	2.10	-	171	-
Oklahoma .....	36	302	100.0	62.9	3.64	3.27	138	136
Utah .....	-	48	-	-	-	.40	-	183
Wyoming .....	7,641	7,198	64.0	73.9	.43	.43	97	95
<b>Montana</b>	9,519	10,224	100.0	100.0	.74	.78	67	58
Montana .....	9,519	10,224	100.0	100.0	.74	.78	67	58
<b>Nebraska</b>	7,939	7,473	77.4	81.7	.41	.42	75	83
Colorado .....	-	80	-	100.0	-	.45	-	182
Montana .....	-	*	-	-	-	.36	-	23
Wyoming .....	7,939	7,393	77.4	81.5	.41	.41	75	81
<b>Nevada</b>	7,477	7,067	99.9	100.0	.48	.47	149	152
Arizona .....	4,171	4,137	100.0	100.0	.49	.47	121	123
Utah .....	2,731	2,375	99.7	100.0	.47	.46	181	190
Wyoming .....	575	555	100.0	100.0	.45	.47	203	200
<b>New Hampshire</b>	1,271	1,064	84.2	17.5	1.36	1.49	178	173
Kentucky .....	17	-	-	-	.68	-	201	-
Ohio .....	-	18	-	-	-	2.39	-	183
Pennsylvania .....	295	221	100.0	29.5	1.02	.99	179	174
Virginia .....	-	42	-	-	-	.85	-	217
West Virginia .....	814	785	81.6	15.5	1.65	1.65	176	170
Imported coal Canada .....	34	-	-	-	.97	-	181	-
Imported coal Venezuela .....	110	-	100.0	-	.38	-	188	-
<b>New Jersey</b>	2,835	3,324	87.9	75.9	.86	.89	180	176
Kentucky .....	47	64	-	-	.58	.59	190	182
Ohio .....	14	7	-	-	1.66	1.71	203	198
Pennsylvania .....	26	51	-	-	.95	1.25	189	184
Virginia .....	963	1,122	97.2	81.0	.57	.61	178	173
West Virginia .....	1,785	2,040	87.2	79.1	1.04	1.06	181	177
Imported coal Colombia .....	-	12	-	-	-	.43	-	176
Imported coal Venezuela .....	-	29	-	-	-	.39	-	188
<b>New Mexico</b>	15,241	15,238	100.0	100.0	.87	.87	132	124
New Mexico .....	15,241	15,238	100.0	100.0	.87	.87	132	124
<b>New York</b>	10,568	9,879	87.0	63.8	1.43	1.32	161	157
Kentucky .....	659	542	94.2	100.0	.39	.39	211	200
Maryland .....	26	-	-	-	1.37	-	169	-
Ohio .....	59	35	-	-	1.50	1.74	162	155
Pennsylvania .....	5,413	5,952	47.9	44.0	1.46	1.34	156	149
West Virginia .....	4,411	3,351	87.6	93.8	1.56	1.43	160	164
<b>North Carolina</b>	19,566	18,413	83.8	83.8	.76	.73	178	177
Kentucky .....	9,670	9,169	79.9	81.1	.79	.74	183	180
Tennessee .....	-	166	-	100.0	-	1.08	-	197
Virginia .....	4,309	4,283	87.3	92.2	.85	.80	168	172
West Virginia .....	5,587	4,795	80.3	80.8	.65	.62	177	175
<b>North Dakota</b>	20,915	21,359	100.0	98.5	1.23	1.11	69	69
North Dakota .....	20,915	21,359	100.0	98.5	1.23	1.11	69	69
<b>Ohio</b>	51,431	49,505	66.2	66.9	2.06	2.08	152	149
Illinois .....	24	-	-	-	2.57	-	117	-
Indiana .....	62	86	-	-	2.90	2.62	109	100
Kentucky .....	9,662	9,384	47.8	54.7	.99	1.09	158	153
Ohio .....	25,430	24,417	69.7	70.4	2.82	2.83	153	154
Pennsylvania .....	3,282	3,005	58.7	54.4	1.72	1.72	140	134
Virginia .....	-	33	-	-	-	1.05	-	184
West Virginia .....	12,971	12,580	75.4	72.8	1.49	1.48	149	140
<b>Oklahoma</b>	14,471	14,635	90.1	90.4	.52	.51	140	136
Oklahoma .....	1,147	804	43.3	19.0	1.20	1.18	140	142
Wyoming .....	13,323	13,831	94.1	94.5	.44	.45	140	136
<b>Oregon</b>	988	-	100.0	-	.38	-	108	-
Wyoming .....	988	-	100.0	-	.38	-	108	-
<b>Pennsylvania</b>	44,798	42,766	78.7	74.5	1.77	1.68	152	145
Kentucky .....	50	-	100.0	-	.99	-	178	-
Ohio .....	1,768	2,286	96.5	95.4	3.35	3.23	151	152
Pennsylvania .....	33,294	31,020	72.4	68.5	1.50	1.44	153	145
West Virginia .....	9,684	8,460	96.6	88.9	2.36	2.10	147	141

See footnotes at end of table.

**Table 13. Destination of Coal Received at Electric Utility Plants by Origin,  
January-December 1990 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
South Carolina .....	8,388	9,805	73.2	63.6	0.94	0.89	172	171
Kentucky .....	8,145	8,596	72.5	62.2	.93	.87	174	173
Tennessee .....	212	135	-	.1	1.17	1.12	164	157
Virginia .....	893	1,047	94.5	84.8	1.00	.99	162	157
West Virginia .....	38	27	66.6	15.3	.81	1.01	181	172
South Dakota .....	2,078	2,063	99.5	100.0	1.47	1.45	115	124
North Dakota .....	2,067	2,063	100.0	100.0	1.48	1.45	115	124
Wyoming .....	11	-	-	-	.41	-	114	-
Tennessee .....	21,446	18,300	78.5	82.3	1.67	1.67	134	134
Illinois .....	2,182	1,495	27.4	8.6	1.80	1.70	121	112
Indiana .....	704	6	-	-	1.75	1.38	123	129
Kentucky .....	15,907	13,638	87.2	91.9	1.73	1.77	138	140
Tennessee .....	1,421	1,866	80.1	69.1	1.11	1.12	121	116
Virginia .....	1,223	1,276	100.0	84.8	1.37	1.44	131	124
West Virginia .....	10	18	100.0	100.0	.57	2.09	158	139
Texas .....	83,614	84,195	96.9	91.5	1.01	.98	145	145
Colorado .....	1,829	1,537	66.2	100.0	.36	.35	206	222
Texas .....	49,051	48,282	99.8	94.5	1.57	1.55	108	105
Utah .....	-	218	-	59.9	-	.45	-	171
Wyoming .....	32,735	34,157	94.2	87.1	.44	.42	182	182
Utah .....	14,014	13,385	88.3	90.6	.43	.43	117	124
Colorado .....	1,508	1,343	100.0	100.0	.45	.40	223	240
Utah .....	12,506	12,042	86.9	89.5	.43	.43	105	112
Virginia .....	8,488	9,739	67.7	51.7	.76	.74	155	155
Kentucky .....	2,701	3,553	63.3	40.5	.83	.80	157	156
Virginia .....	3,488	3,601	71.7	71.4	.71	.71	153	157
West Virginia .....	2,300	2,585	66.9	39.7	.75	.69	154	150
Washington .....	5,044	5,606	92.9	85.8	.88	.81	158	156
Montana .....	-	55	-	-	-	.35	-	131
Washington .....	4,696	4,924	99.8	97.7	.90	.87	160	160
Wyoming .....	348	627	-	-	.35	.40	127	125
West Virginia .....	33,092	31,143	75.5	73.6	1.52	1.49	147	143
Kentucky .....	778	1,109	81.6	54.3	.82	.87	180	166
Maryland .....	1,185	925	58.9	46.7	1.37	1.41	123	117
Ohio .....	1,660	935	58.0	38.4	3.30	3.31	96	102
Pennsylvania .....	594	308	27.9	11.9	1.64	1.24	114	120
West Virginia .....	28,875	27,866	78.0	77.1	1.44	1.46	151	144
Wisconsin .....	17,811	17,535	75.4	88.0	.84	.88	136	145
Illinois .....	1,136	1,418	79.3	90.8	1.74	1.72	144	145
Indiana .....	1,893	2,145	99.0	97.1	1.76	1.71	193	193
Kentucky .....	196	390	20.1	32.6	.65	1.18	179	159
Montana .....	1,983	2,137	78.8	85.6	.70	.73	158	158
New Mexico .....	43	-	-	-	.39	-	174	-
Ohio .....	-	9	-	100.0	-	1.12	-	164
Pennsylvania .....	1,760	1,479	100.0	100.0	1.29	1.29	157	153
Virginia .....	59	45	-	-	.57	.56	173	164
West Virginia .....	136	125	-	54.2	1.22	1.33	165	167
Wyoming .....	10,605	9,786	68.7	87.3	.41	.40	109	128
Wyoming .....	22,932	21,798	83.6	91.1	.61	.60	84	85
Wyoming .....	22,932	21,798	83.6	91.1	.61	.60	84	85
U.S. Total .....	788,557	753,217	82.6	82.4	1.29	1.28	145	144

\* For quantity data, the number is less than 0.5 thousand short tons. For Contract Receipts (percent), the value is less than 0.05.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 14. Origin of Coal Received at Electric Utility Plants by Destination,  
January-December 1990**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Alabama .....	16,383	14,884	90.5	91.2	1.10	1.11	203	201
Alabama .....	16,144	14,725	91.7	92.8	1.09	1.10	204	202
Florida .....	-	13	-	-	-	2.55	-	114
Georgia .....	239	246	8.8	-	1.67	1.65	155	153
Arizona .....	11,447	11,907	100.0	100.0	.46	.45	108	107
Arizona .....	7,276	7,769	100.0	100.0	.44	.44	101	98
Nevada .....	4,171	4,137	100.0	100.0	.49	.47	121	123
Colorado .....	15,382	14,149	78.9	85.9	.39	.39	143	142
Arizona .....	979	648	100.0	100.0	.33	.34	174	172
Colorado .....	9,985	10,162	74.7	82.0	.39	.38	107	109
Illinois .....	11	59	-	-	.40	.41	156	180
Indiana .....	600	256	86.4	81.4	.38	.39	285	301
Kansas .....	178	-	94.2	-	.33	-	118	-
Missouri .....	292	82	100.0	14.5	.40	.33	180	187
Nebraska .....	-	80	-	100.0	-	.45	-	182
Texas .....	1,829	1,537	66.2	100.0	.36	.35	206	222
Utah .....	1,508	1,343	100.0	100.0	.45	.40	223	240
Illinois .....	54,232	53,818	84.1	87.2	2.42	2.35	157	157
Alabama .....	463	874	-	2.9	1.99	1.96	113	110
Florida .....	4,212	4,107	97.9	99.1	2.41	2.38	209	199
Georgia .....	4,881	5,188	96.1	98.5	2.53	2.30	181	182
Illinois .....	15,573	14,740	90.2	95.7	2.72	2.69	146	151
Indiana .....	9,698	8,801	85.4	87.8	2.44	2.38	157	160
Iowa .....	1,159	1,736	91.5	61.5	2.47	2.54	168	144
Kansas .....	1,223	645	19.2	30.2	2.51	2.63	149	147
Kentucky .....	91	9	88.8	-	1.59	1.72	135	116
Minnesota .....	51	57	100.0	100.0	1.34	1.35	178	184
Mississippi .....	1,131	1,116	89.2	85.3	2.04	1.99	151	147
Missouri .....	12,410	13,633	84.9	89.8	2.23	2.16	151	152
Ohio .....	24	-	-	-	2.57	-	117	-
Tennessee .....	2,182	1,495	27.4	8.8	1.60	1.70	121	112
Wisconsin .....	1,136	1,418	79.3	90.8	1.74	1.72	144	145
Indiana .....	30,947	27,184	74.2	73.4	2.30	2.31	128	125
Alabama .....	459	374	-	-	2.05	2.95	117	108
Florida .....	431	508	-	15.1	2.86	2.99	108	130
Illinois .....	1,968	2,014	72.3	67.9	1.56	1.38	126	128
Indiana .....	21,471	18,942	79.5	79.1	2.41	2.46	124	121
Iowa .....	1,078	711	70.6	42.9	2.24	2.16	135	131
Kentucky .....	2,525	2,107	84.4	48.8	2.40	2.23	110	105
Michigan .....	148	149	59.3	58.6	2.47	2.31	159	155
Minnesota .....	69	68	12.5	-	1.79	1.64	156	138
Mississippi .....	23	-	-	-	4.17	-	126	-
Missouri .....	115	55	100.0	49.1	2.90	1.09	122	123
Ohio .....	62	86	-	-	2.90	2.82	109	100
Tennessee .....	704	6	-	-	1.75	1.38	123	129
Wisconsin .....	1,893	2,145	99.0	97.1	1.76	1.71	193	183
Iowa .....	66	46	100.0	100.0	3.29	3.59	164	153
Iowa .....	66	46	100.0	100.0	3.29	3.50	164	153
Kansas .....	650	826	4.6	53.8	2.60	3.70	123	131
Kansas .....	244	692	-	60.0	2.42	3.92	121	131
Missouri .....	405	134	7.4	22.0	2.70	2.74	124	129
Kentucky .....	128,841	120,440	74.0	70.4	1.48	1.48	154	154
Alabama .....	3,416	2,125	43.3	37.0	1.84	2.36	135	123
Connecticut .....	954	849	89.3	93.1	.41	.40	213	215
Delaware .....	117	24	14.2	75.0	.52	.61	194	177
Florida .....	15,333	14,980	77.7	89.8	1.29	1.28	178	172
Georgia .....	14,459	13,963	72.6	67.3	1.28	1.28	169	166
Illinois .....	2,193	1,533	41.9	67.0	.82	.67	156	162
Indiana .....	4,592	4,212	91.4	80.5	2.46	2.39	129	127
Iowa .....	29	75	-	-	2.75	2.35	133	127
Kentucky .....	28,327	25,475	76.9	66.4	2.43	2.59	119	114
Maryland .....	407	714	79.9	84.7	.58	.59	160	165
Massachusetts .....	49	23	-	-	.75	.69	180	138
Michigan .....	7,293	7,425	71.2	83.0	.74	.66	177	194
Minnesota .....	8	1	56.6	-	.91	.59	189	198
Mississippi .....	2,766	2,311	72.2	79.5	.99	.87	172	177
Missouri .....	1,066	285	97.9	97.4	2.59	2.74	122	126
New Hampshire .....	17	-	-	-	.68	-	201	-
New Jersey .....	47	64	-	-	.58	.59	190	182

See footnotes at end of table.

**Table 14. Origin of Coal Received at Electric Utility Plants by Destination,  
January-December 1990 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Kentucky								
New York	659	542	94.2	100.0	0.39	0.39	211	200
North Carolina	9,670	9,169	79.9	81.1	.79	.74	183	180
Ohio	9,662	9,384	47.8	54.7	.99	1.09	156	153
Pennsylvania	50	-	100.0	-	.99	-	178	-
South Carolina	8,145	8,596	72.5	62.2	.93	.87	174	173
Tennessee	15,907	13,638	87.2	91.9	1.73	1.77	138	140
Virginia	2,701	3,553	63.3	40.5	.83	.80	157	156
West Virginia	778	1,109	81.6	54.3	.82	.87	180	166
Wisconsin	196	390	20.1	32.6	.65	1.18	178	159
Louisiana	3,186	2,981	100.0	91.7	.80	.79	134	127
Louisiana	3,186	2,981	100.0	91.7	.80	.79	134	127
Maryland	3,004	2,369	50.2	51.6	1.28	1.31	153	147
Delaware	21	7	100.0	100.0	1.11	1.16	141	139
Maryland	1,732	1,437	45.6	54.5	1.23	1.25	172	166
Massachusetts	40	-	-	-	.75	-	185	-
New York	26	-	-	-	1.37	-	169	-
West Virginia	1,185	925	58.9	46.7	1.37	1.41	123	117
Missouri	2,343	3,071	97.6	98.9	3.95	4.29	165	134
Missouri	2,343	3,071	97.6	98.9	3.95	4.29	165	134
Montana	35,627	36,082	94.0	94.2	.59	.60	137	133
Georgia	-	54	-	-	-	.34	-	181
Illinois	2,728	2,894	100.0	99.6	.39	.38	289	283
Indiana	585	341	59.5	51.9	.39	.35	233	220
Michigan	11,504	11,425	95.5	94.6	.37	.38	148	152
Minnesota	9,309	8,952	89.8	90.0	.77	.79	132	126
Montana	9,519	10,224	100.0	100.0	.74	.78	87	58
Nebraska	-	-	-	-	-	.36	-	23
Washington	-	55	-	-	-	.35	-	131
Wisconsin	1,983	2,137	78.8	85.6	.70	.73	158	158
New Mexico	22,644	22,116	99.1	99.8	.75	.75	150	142
Arizona	7,119	6,826	99.7	100.0	.52	.50	187	180
Colorado	-	32	-	-	-	.42	-	130
Illinois	222	20	50.0	-	.45	.46	166	182
Missouri	18	-	-	-	.34	-	135	-
New Mexico	15,241	15,238	100.0	100.0	.87	.87	132	124
Wisconsin	43	-	-	-	.39	-	174	-
North Dakota	22,983	23,423	100.0	98.6	1.25	1.14	72	74
Minnesota	1	1	100.0	100.0	.87	1.41	174	178
North Dakota	20,915	21,359	100.0	98.5	1.23	1.11	69	69
South Dakota	2,067	2,063	100.0	100.0	1.48	1.45	115	124
Ohio	30,098	30,413	76.8	73.3	2.85	2.80	149	158
Alabama	607	2,352	95.9	100.0	1.97	1.99	117	208
Georgia	46	-	-	-	2.28	-	142	-
Indiana	54	13	-	-	2.26	1.82	127	129
Kentucky	251	124	51.8	51.4	2.43	2.22	144	129
Maryland	7	-	-	-	1.78	-	168	-
Michigan	178	217	80.3	67.6	2.77	2.48	180	179
Missouri	24	-	-	-	2.10	-	171	-
New Hampshire	-	16	-	-	-	2.39	-	183
New Jersey	14	7	-	-	1.66	1.71	203	198
New York	59	35	-	-	1.50	1.74	162	155
Ohio	25,430	24,417	69.7	70.4	2.82	2.83	153	154
Pennsylvania	1,768	2,286	98.5	95.4	3.35	3.23	151	152
West Virginia	1,660	935	58.0	38.4	3.30	3.31	86	102
Wisconsin	-	9	-	100.0	-	1.12	-	164
Oklahoma	1,184	1,106	45.0	31.0	1.28	1.74	140	141
Missouri	36	302	100.0	82.9	3.64	3.27	138	136
Oklahoma	1,147	804	43.3	19.0	1.20	1.18	140	142
Pennsylvania	50,488	47,605	69.3	65.5	1.48	1.41	155	148
Delaware	423	458	30.1	72.0	1.03	1.17	163	163
Kentucky	12	19	12.4	53.1	2.05	2.03	113	128
Maryland	2,578	2,381	90.5	95.8	1.47	1.52	179	171
Massachusetts	878	954	26.1	23.1	1.07	1.08	174	164
Michigan	1,931	1,759	73.2	71.7	1.13	1.03	158	172
Minnesota	3	-	100.0	-	1.02	-	178	-
New Hampshire	295	221	100.0	29.5	1.02	.99	179	174
New Jersey	26	51	-	-	.95	1.26	189	184
New York	5,413	5,952	47.9	44.0	1.46	1.34	156	149

See footnotes at end of table.

**Table 14. Origin of Coal Received at Electric Utility Plants by Destination,  
January-December 1990 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
<b>Pennsylvania</b>								
Ohio .....	3,282	3,005	58.7	54.4	1.72	1.72	140	134
Pennsylvania .....	33,294	31,020	72.4	68.5	1.50	1.44	153	145
West Virginia .....	594	308	27.9	11.9	1.64	1.24	114	120
Wisconsin .....	1,760	1,479	100.0	100.0	1.29	1.29	157	153
<b>Tennessee</b>	4,618	4,682	58.0	59.3	1.14	1.07	144	142
Alabama .....	809	745	12.0	25.1	.66	.62	125	126
Florida .....	126	90	100.0	100.0	.87	.80	215	216
Georgia .....	1,269	1,140	48.8	75.9	1.10	.83	180	198
Illinois .....	155	-	100.0	-	.58	-	169	-
Kentucky .....	626	541	86.8	32.6	2.07	2.09	120	105
North Carolina .....	-	166	-	100.0	-	1.08	-	187
South Carolina .....	212	135	-	.1	1.17	1.12	164	157
Tennessee .....	1,421	1,866	80.1	69.1	1.11	1.12	121	116
<b>Texas</b>	49,051	48,282	99.8	94.5	1.57	1.55	108	105
Texas .....	49,051	48,282	99.8	94.5	1.57	1.55	108	105
<b>Utah</b>	15,237	14,683	89.2	90.5	.44	.44	118	126
Missouri .....	-	48	-	-	-	.40	-	183
Nevada .....	2,731	2,375	99.7	100.0	.47	.46	181	190
Texas .....	-	218	-	59.9	-	.45	-	171
Utah .....	12,506	12,042	86.9	89.5	.43	.43	105	112
<b>Virginia</b>	17,330	17,999	85.5	83.2	.88	.89	169	167
Delaware .....	227	76	51.7	100.0	.71	.66	195	200
Florida .....	969	838	90.7	98.0	.58	.58	236	233
Georgia .....	3,339	3,277	74.3	70.8	1.06	1.09	174	172
Illinois .....	-	6	-	-	-	.59	-	185
Indiana .....	56	-	-	-	.58	-	164	-
Kentucky .....	80	-	100.0	-	.58	-	158	-
Maryland .....	21	-	-	-	.47	-	179	-
Massachusetts .....	1,510	1,756	91.3	100.0	.90	.92	176	163
Michigan .....	113	598	100.0	100.0	1.09	.91	186	176
New Hampshire .....	-	42	-	-	-	.85	-	217
New Jersey .....	963	1,122	97.2	81.0	.57	.61	178	173
North Carolina .....	4,309	4,283	97.3	92.2	.85	.80	168	172
Ohio .....	-	33	-	-	-	1.05	-	184
South Carolina .....	993	1,047	94.5	84.8	1.00	.99	162	157
Tennessee .....	1,223	1,276	100.0	84.8	1.37	1.44	131	124
Virginia .....	3,488	3,601	71.7	71.4	.71	.71	153	157
Wisconsin .....	59	45	-	-	.57	.56	173	164
<b>Washington</b>	4,696	4,924	99.8	97.7	.90	.87	160	160
Washington .....	4,696	4,924	99.8	97.7	.90	.87	160	160
<b>West Virginia</b>	88,591	83,300	78.8	75.7	1.31	1.28	158	153
Alabama .....	94	117	68.8	30.9	.67	.66	138	159
Connecticut .....	-	26	-	-	-	.49	-	185
Delaware .....	1,404	1,354	95.9	93.5	.67	.69	184	184
Florida .....	2,165	1,999	87.4	90.9	.89	.86	184	182
Georgia .....	1,497	1,355	99.2	100.0	.56	.54	247	243
Illinois .....	258	288	20.9	55.2	.53	.52	155	170
Indiana .....	422	276	50.4	54.8	.55	.76	194	188
Kentucky .....	3,047	2,435	42.3	45.5	.63	.68	129	117
Louisiana .....	211	195	100.0	100.0	.51	.51	204	202
Maryland .....	5,258	3,715	70.2	57.6	.99	.98	156	150
Massachusetts .....	1,469	1,592	87.0	88.0	.96	.93	168	155
Michigan .....	6,155	6,287	73.1	71.9	.67	.59	169	180
Minnesota .....	2	-	100.0	-	.95	-	169	-
Mississippi .....	-	27	-	-	-	1.30	-	143
New Hampshire .....	814	785	81.8	15.5	1.65	1.65	178	170
New Jersey .....	1,785	2,040	87.2	79.1	1.04	1.08	181	177
New York .....	4,411	3,351	87.6	93.8	1.58	1.43	160	164
North Carolina .....	5,587	4,795	80.3	80.8	.65	.62	177	175
Ohio .....	12,971	12,580	75.4	72.8	1.49	1.48	149	140
Pennsylvania .....	9,684	9,480	96.8	88.9	2.36	2.10	147	141
South Carolina .....	38	27	66.6	15.3	.81	1.01	181	172
Tennessee .....	10	18	100.0	100.0	.57	2.09	158	139
Virginia .....	2,300	2,585	66.9	39.7	.75	.69	154	150
West Virginia .....	28,875	27,866	78.0	77.1	1.44	1.46	151	144
Wisconsin .....	136	125	-	54.2	1.22	1.33	165	167
<b>Wyoming</b>	176,162	165,633	84.6	88.0	.44	.44	133	137
Alabama .....	216	-	-	-	.44	-	170	-

See footnotes at end of table.



Table 14. Origin of Coal Received at Electric Utility Plants by Destination,  
January-December 1990 (Continued)

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Alabama	-	-	-	-	-	-	-	-
Arizona	11	-	-	-	0.40	-	187	-
Arkansas	10,939	11,502	100.0	100.0	.39	0.39	161	163
Colorado	5,358	5,558	100.0	96.2	.39	.37	105	100
Georgia	2,159	188	2.7	-	.35	.43	143	137
Illinois	3,351	3,514	92.7	97.6	.45	.47	290	290
Indiana	11,715	7,717	83.9	71.2	.39	.43	128	141
Iowa	13,306	11,749	63.7	76.0	.43	.41	103	116
Kansas	14,126	13,388	90.1	92.9	.40	.41	122	122
Kentucky	213	22	65.2	-	.40	.37	123	124
Louisiana	8,196	8,418	100.0	100.0	.53	.52	179	171
Michigan	2,379	1,135	27.2	-	.34	.35	110	117
Minnesota	7,116	7,097	99.4	99.6	.31	.31	116	111
Missouri	7,641	7,199	64.0	73.9	.43	.43	97	95
Nebraska	7,939	7,393	77.4	81.5	.41	.41	75	81
Nevada	575	555	100.0	100.0	.45	.47	203	200
Oklahoma	13,323	13,831	94.1	94.5	.44	.45	140	136
Oregon	968	-	100.0	-	.38	-	108	-
South Dakota	11	-	-	-	.41	-	114	-
Texas	32,735	34,157	94.2	87.1	.44	.42	182	182
Washington	348	627	-	-	.35	.40	127	125
Wisconsin	10,605	9,786	68.7	67.3	.41	.40	109	128
Wyoming	22,932	21,798	83.6	91.1	.61	.60	84	85
Imported Coal	1,366	1,215	65.3	60.6	.59	.57	175	178
Canada	34	-	-	-	.97	-	181	-
New Hampshire	34	-	-	-	.97	-	181	-
Colombia	1,112	1,149	70.2	64.1	.61	.58	173	179
Florida	1,008	803	77.5	91.7	.62	.62	172	173
Georgia	-	23	-	-	-	.54	-	173
Maryland	-	247	-	-	-	.47	-	195
Massachusetts	105	63	-	-	.56	.50	190	183
New Jersey	-	12	-	-	-	.43	-	176
Venezuela	220	66	50.1	-	.45	.37	183	161
Florida	40	37	-	-	.63	.36	171	141
Massachusetts	70	-	-	-	.48	-	181	-
New Hampshire	110	-	100.0	-	.38	-	188	-
New Jersey	-	29	-	-	-	.39	-	188
Total	786,557	753,217	82.6	82.4	1.29	1.28	145	144

For quantity data, the number is less than 0.5 thousand short tons. For Contract Receipts (percent), the value is less than 0.05.  
Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.  
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

# EIA Coal Publications

## Data Reports

*Coal Production* reports annual coal production, average mine price, average daily production, major seams mined, recoverable reserves, average recovery percentage, average productivity per miner per hour, average number of miners working daily, number of days worked, and the Nation's demonstrated reserve base. (Issued annually)

*Coal Data: A Reference* is a comprehensive overview of the U.S. coal industry which, is designed to be of value to both laypersons and technicians. It contains a historical review of the U.S. coal industry and up-to-date information on U.S. coal deposits, reserves, mining methods, production, employment, health and safety, preparation, transportation, stocks, uses, exports, environmental issues, and the coal industry's outlook for the future. Also presented is an extensive bibliography of books, publications, and articles on coal and a listing of Federal, State, and private sources of coal information. (Issued biennially)

*Coal Distribution* reports shipments of coal by State of destination, consuming sector, mode of transportation, and coal-producing State of origin. It also presents production, purchases and producer/distributor stocks. (Issued quarterly)

*Quarterly Coal Report (QCR)* highlights coal-related legislation and industry trends, and quarterly data on coal production, exports and imports, consumption, receipts, and stocks. Additional data covering the coke industry, coal imports and metric versions of summary level tables are also available. (Issued quarterly)

*Weekly Coal Production (WCP)* provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. The Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. The Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for

generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also reports summary-level, monthly data for all coal-consuming sectors on a quarterly basis. (Issued weekly)

## Analytical Reports

*Annual Outlook for U.S. Coal* expands on the coal forecasts of the *Annual Energy Outlook*, EIA's volume on multi-fuel price, supply and demand projections to the year 2010. By focusing on a single fuel, the *Annual Outlook for U.S. Coal* clarifies how the projections are made, discusses major coal industry issues, and provides additional detailed projections. (Issued annually)

*Annual Prospects for World Coal Trade* projects U.S. coal exports and imports, analyzes world coal trade flows, and highlights both current and potential major coal-exporting countries. (Issued annually)

*The Changing Structure of the U.S. Coal Industry 1976-1986* analyzes the changes which have occurred in the U.S. coal industry between 1976 and 1986. Utilizing concentration ratios and other data, the report confirms the shift in coal production from smaller to larger firms, while showing that the production shares of the largest firms have decreased. (June 1988, 34 pages)

*Lower U.S. Mining Costs: Impact on World Coal Trade Projections* reports the results of a study requested by the Department of the Interior. It evaluates a set of scenarios wherein U.S. eastern mining costs are progressively lowered, reflecting possible productivity gains from advanced coal mining technology. (August 1988, 35 pages)

*The Impact of Eliminating Coal Subsidies in Western Europe* evaluates the increase likely in world coal trade if all western European countries and Japan eliminated all support to their domestic coal industries. By far, the countries which would suffer the greatest declines in production are Germany and the United Kingdom. (September 1989, 31 pages)

To order these reports or to learn more about them, contact the National Energy Information Center at (202) 586-8800.



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